



Enlighten The World



Stable



Efficient



Innovative

The 4343Z is a high performance dynamic FPD with excellent image quality, high dynamic range and high frame rate. The FPD has various binning and FOV options. The FPD is designed to meet the needs of many applications, including CBCT, gastrointestinal imaging, and industrial X-ray flaw detection. Provide the synchronization signals and SDK interfaces, can be easily connected to and synchronized with the generators and other components in the X-ray system.

Technical Parameter

Detector Technology	a-Si
Scintillator	CsI
Image Size	43×43cm (17×17in)
Pixels Matrix	3072×3072
Pixel Pitch	139μm
A/D Conversion	16bit
Maximum Linear Dose	110μGy
Minimum Detectable Dose	14 nGy
Spatial Resolution	3.6LP/mm
FPS(1*1)	4fps
FPS(2*2)	15fps
FPS(3*3)	25fps
Power Dissipation	15W
Adapter Input	AC100-240V,50-60Hz
Adapter Output	DC 24V,60W
Data Interface	GigE
Detector Weight	4.5±0.5kg
Dimensions	46.0×46.0×1.5cm
Operating Environment	5-35°C,10-75% RH
Detector Housing Material	Carbon, Alloy
X-ray Voltage Range	40-150KV

Outline Drawing

